



What are the main decisions that a model makes?



How accurate are the decisions?



What is needed to improve the data/model?

Features that need to be removed to change the label for any item

Explanations

| | | | |
|-----------------|-----------------|-----------------|----|
| | | ASPIRIN | |
| ONDANSETRON | MORPHINE | DIA. MEGLUMINE. | 1> |
| | SODIUM CHLORIDE | DIA. MEGLUMINE. | |
| SODIUM CHLORIDE | ONDANSETRON | DIA. MEGLUMINE. | |
| | | ALBUTE. SULFATE | |
| | | MORPHINE | |
| | SODIUM CHLORIDE | MORPHINE | |
| | ONDANSETRON | MORPHINE | |
| | | DIA. MEGLUMINE. | |
| | | SODIUM CHLORIDE | |

Length of an explanation set =
Number of features in a set

a.

Statistics about explained items

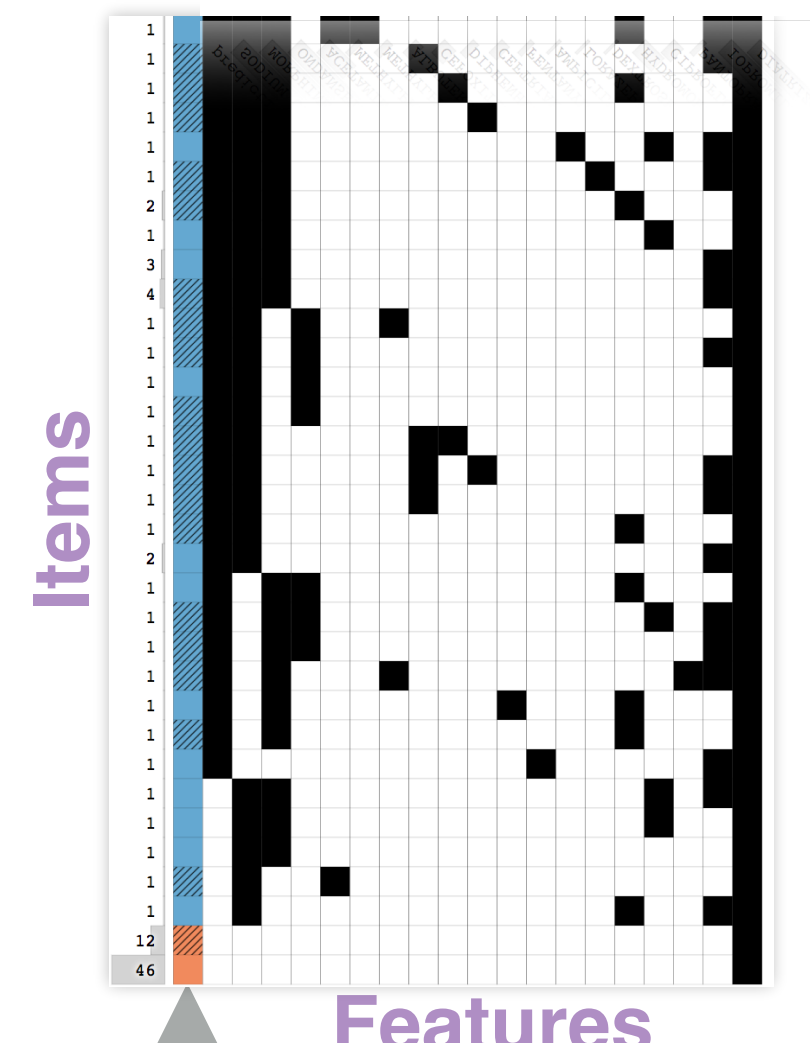
| tp | fp | fn | tn | pos / total | odds ratio |
|----|----|------|----|-------------|------------|
| | | 1419 | | 624 / 2201 | 0.1 1 10 |
| 63 | | 68 | | 63 / 131 | |
| 25 | | 18 | | 25 / 43 | |
| 19 | | 27 | | 19 / 46 | |
| 10 | | 15 | | 10 / 25 | |
| 10 | | 15 | | 10 / 25 | |
| 29 | | 45 | | 29 / 74 | |
| 15 | | 24 | | 15 / 39 | |
| 8 | | 13 | | 8 / 21 | |
| 19 | 26 | 46 | | 31 / 103 | |
| 93 | | 207 | | 99 / 313 | |

Distribution
of Items

Number of
Items

Odds Ratio
on a Log Scale

Items



Predicted
Label

Features

b.

